



Doc PCK

PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/606,468	
	Filing Date	June 26, 2003	
	First Named Inventor	Xing Yuan	
	Art Unit	3727	
	Examiner Name	Stephen J. Castellano	
Total Number of Pages in This Submission	9	Attorney Docket Number	IGC-104

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Return Post Card</b>
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	George L. Rideout, Jr.		
Signature	<i>George L. Rideout, Jr.</i>		
Printed name	George L. Rideout, Jr.		
Date	May 5, 2006	Reg. No.	43,880

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the

Signature	<i>George L. Rideout, Jr.</i>		
Typed or printed name	George L. Rideout, Jr.	Date	May 5, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Doc Code: **PGA**

PTO/SB/17 (12-04v2)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL for FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)

\$0.00

**Complete if Known**

Application Number 10/606,468

Filing Date June 26, 2003

First Named Inventor Xing Yuan

Examiner Name Stephen J. Castello

Art Unit 3727

Attorney Docket No. IGC-104

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☒ None ☐ Other (please identify): \_\_\_\_\_☐ Deposit Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☐ Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17☐ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid(\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Small Entity Fee (\$)

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

**Multiple Dependent Claims**

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
6	- 20 or HP = 0	x \$50.00	= \$0.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
2	- 3 or HP = 0	x \$200.00	= \$0.00

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof.

See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
0	- 100 = 0	/ 50 0 (round up to a whole)	x \$250.00	= \$0.00

**4. OTHER FEE(S)**

Non-English specification, \$130 fee (no small entity discount)

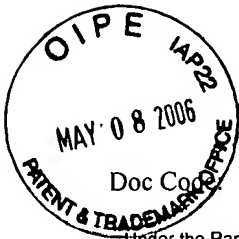
Other (e.g., late filing surcharge): \_\_\_\_\_

**SUBMITTED BY**

Signature	George L. Rideout, Jr.	Registration No. (Attorney/Agent)	43,880	Telephone	502-452-7792
Name (Print/Type)	George L. Rideout, Jr.	Date	May 5, 2006		

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PTO/SB/92 (09-04)

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P.O. Box 1450  
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on May 5, 2006  
Date

George L. Rideout, Jr.  
Signature

George L. Rideout, Jr.

Typed or printed name of person of signing Certificate

43,880  
Registration Number, if applicable

502-452-7792  
Telephone Number

**Note:** Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

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Atty. Dkt. No. IGC-104  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Xing Yuan	:	
Serial No.:	10/606,468	:	Art Unit: 3727
Filed:	June 26, 2003	:	Examiner: Stephen J Castellano
For:	Mechanical Support System For Devices Operating At Cryogenic Temperature	:	

Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

**Reply/Response Under C.F.R. § 1.116**

This Reply is in response to the Final Office Action dated as mailed March 8, 2006 and having a response due date of June 8, 2006. Applicant respectfully requests that this amendment be admitted because it places the application in condition for allowance or, in the alternative, the claims in better form for appeal.

Please amend the above-identified application as follows:

**Amendment to Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.